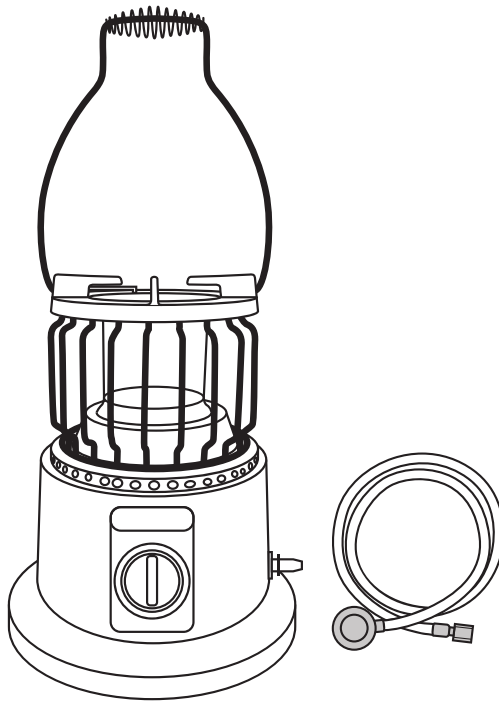




THE OUTDOOR HEAT COMPANY



2-in-1 HEATER & STOVE™

INSTRUCTION MANUAL

Need help? Contact us: support@ignik.com

**PLEASE READ MANUAL CAREFULLY BEFORE RUNNING THIS HEATER
AND SAVE FOR FUTURE REFERENCE**

SAFETY WARNINGS

This manual contains important information about the assembly, operation and maintenance of this outdoor propane appliance. General safety information is presented throughout this manual. Please read it thoroughly and carefully. Particular attention should be paid to the information accompanied by safety alert symbols:

DANGER, **WARNING**, **CAUTION**

Save this manual for future reference and to educate new users of this product. This instruction manual should be read in conjunction with the labeling on the product.

Extra safety precautions are essential when using any type of heater, either mechanical or propane. These precautions are required when using, storing and servicing. Using this equipment with the caution and respect that this product demands will reduce the possibilities of personal injuries or property damage.

The symbols shown below are used often throughout these instructions. Always follow the precautions as they are essential for the safe operation of any mechanical or propane fueled equipment.

FOR YOUR SAFETY

If you smell gas:

1. Do not attempt to light the unit.
2. Extinguish any open flames.
3. Disconnect unit from fuel supply.

FOR YOUR SAFETY

Do not store or use gasoline or other liquids with flammable vapors in the vicinity of this or any other appliances.

DANGER CARBON MONOXIDE HAZARD

- This unit can produce carbon monoxide which has no odor.
- Using this unit in an enclosed space can kill you.
- Never use this unit in an enclosed space such as a camper, tent, car, or home.

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

DANGER

Failure to comply with all precautions and instructions provided with this propane heater/stove can result in death, serious bodily injury and property loss or damage from hazards of fire, explosion, burn, asphyxiation, and/or carbon monoxide poisoning.

Only persons who can understand and follow these instructions should use or service this heater/stove.

If you need assistance or information such as an instruction manual or safety labels, contact
IGNIK

CALIFORNIA PROPOSITION 65 WARNING:

This device, its fuel and byproducts of combustion of this fuel, may contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

WARNING

- This product is fueled by propane gas. Propane gas is invisible, odorless and flammable. An odorant is normally added to help detect leaks and can be described as a "rotten egg" smell. The odorant can fade over time so leaking gas is not always detectable by smell alone.
- Propane gas is heavier than air and leaking propane will sink to the lowest level possible. It can ignite by ignition sources including matches, lighters, sparks or open flames of any kind many feet from the original leak. Use only propane gas set up for vapor withdrawal.
- Propane gas should be stored or used in compliance with local ordinances and codes or with ANSI/NFPA 58. Remove propane canister when not in use.

DANGER

EXPLOSION - FIRE HAZARD

- Never store propane near high heat, open flames, pilot lights, direct sunlight, other ignition sources or where temperatures exceed 120° F (49° C).
- Follow all instructions and warnings listed on the propane canister.
- Propane is heavier than air and can accumulate in low areas. If you smell gas, leave the area immediately.
- Never install or remove propane tank while control knob is any ON position, unit is lighted, near flame, pilot lights, other ignition sources or while outdoor stove is hot to the touch.
- During lighting and operation, this product can be a source of ignition. Never use the unit in places that contain or may contain volatile or airborne combustibles or products such as gasoline, solvents, paint thinner, dust particles or unknown chemicals. Minimum clearance from combustible materials:
Top 36 in. (92 cm)
Sides 24 in. (61 cm)
- Provide adequate clearances around air intakes in to the combustion chamber.
- If a cooking fire should occur, keep away from unit and immediately call your fire department. Do not attempt to extinguish an oil or grease fire with water.

WARNING

BURN HAZARD

- Never leave heater/burner unattended when hot or in use.
- Extreme caution is necessary when any heater/burner is used by or near children or invalids. Keep out of reach of children.
- Do not move the unit while lit. Use extra care when touching carry handle while unit is hot, severe burns can result.

WARNING

FOR RECREATIONAL USE ONLY

It is impossible to foresee every use for this product. If you have any concerns about the use of this product in your environment, contact your local fire safety authority. Additional standards govern the use of fuel gases and heat producing products for specific uses. Your local authorities can advise you about these standards.

- Never refill disposable propane cylinders.
- Only use the regulator that came with your unit. Do not adjust the regulator.
- Check all fittings for leaks during setup using soapy water. Never use a flame.
- Never leave heater/burner unattended when hot or in use.
- Extreme caution is necessary when any heater/burner is used by or near children or invalids. Keep out of reach of children.
- Do not move the unit while lit. Use extra care when touching carry handle while unit is hot, severe burns can result.

DANGER

CARBON MONOXIDE HAZARD

- This heater/burner is a combustion appliance. All such appliances produce Carbon Monoxide (CO) during the combustion process. Do not block air flow into or out of the heater/stove.
- Carbon Monoxide (CO) poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue, nausea and possibly death. You can not see or smell Carbon Monoxide gas. It is an invisible killer. If these symptoms are present during the operation of this heater/stove, get fresh air immediately!
- **FOR OUTDOOR USE ONLY.**
- Never use inside house, camper, tent, vehicle or any other enclosed areas. This heater consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your or others lives.

CAUTION

MAINTENANCE SAFETY

- Keep all connections and fittings clean. Inspect propane cylinder and connections for damage before attaching.
- During setup of your unit, check all connections and fittings for leaks using soapy water. Never use a flame. Bubbles in the water indicate a leak. Check that your connections are not cross-threaded and that it is tight. Preform another leak test. If there is still a **leak, remove the cylinder and contact IGNIK for service or repairs.**
- Use as a temporary heating/cooking appliance only. Never alter the unit in any way or install any device or part not included with your unit.
- Clean your unit frequently to avoid any debris build-up.

GENERAL SAFETY INSTRUCTIONS

THIS IS A HEATING AND COOKING APPLIANCE. DO NOT OPERATE THIS APPLIANCE WITHOUT THE SAFETY GUARDS IN PLACE.

- Use this heater/stove outdoors only.
- Only people that have read the instruction manual should operate the unit.
- The heater/stove must conform to appropriate State regulation.
- Improper installation, adjustment, alteration can cause personal injury or property damage.
- Do not attempt to alter the unit in any manner.
- Never replace or substitute the regulator with any regulator other than the factory-suggested replacement. The unit must be used with supplied regulator in place.
- Remove transit protection and packaging before use.
- The whole gas system, hose, regulator, pilot or burner should be inspected for leaks or damage before use and all connections must be checked with soapy water (50% dish detergent and 50% water mix) before each use or with each tank replacement.
- Turn off the gas valve immediately if smell of gas detected.
- Keep all ventilation openings of the unit free and clear of debris.
- Cleaning may be required as necessary.
- The gas cylinder should be removed when the heater is not in use or in storage.
- Do not twist or kink the flexible tubes and hoses.
- Any guard or other protective device removed for servicing or cleaning the heater must be replaced before operating the heater.
- Never leave this unit unattended when hot or in use. Do not use while sleeping.
- Extreme caution is necessary when the heater/stove is used by or near children or invalids. They should be alerted to the danger. Keep away from high temperature surfaces to avoid burns or clothing ignition.
- Do not use the heater when you are tired or under the influence of alcohol, drugs or any medication. Any inattentive activity may result in serious personal injury.
- Keep out of reach of children.
- Do not operate this unit in areas where the surrounding can ignite or in the presence of combustible materials such as paper or cardboard, volatile or airborne combustibles such as gasoline, flammable liquids, explosive powders, solvents, paint thinner, dust or unknown chemicals. Sparks that occur during heater operation may ignite these materials, leading to serious injury.
- The unit should be placed on the ground in an area out of traffic where it will not be tipped over. Do not leave unit unattended or where children or adults may cause the heater to tip-over. This unit contains a tip-over switch that will shut the heater off if the unit tips over.
- Do not operate this unit in any moving vehicle.
- Do not use this heater if any part has been under water. Contact a qualified service technician to inspect the unit and replace any part of the control system and any gas control, which has been under water.
- Do not move the unit while lit. Use extra care when touching carry handle while unit is hot, severe burns can result.
- Never allow oil or grease to get hotter than 400°F (200°C). If the temperature exceeds 400°F (200°C), or if oil begins to smoke, immediately turn burner or gas supply off.
- Heated liquids remain at scalding temperatures long after the cooking process. Never touch the unit or utensil until liquids have cooled to 115°F (45°C) or less.
- Follow all instructions located on the propane canister.
- Place heater on the ground. Make sure the ground is level and keep objects at least 24 in. (61 cm.) from all sides and 36 in. (92cm.) from the top of the unit.

TECHNICAL SPECIFICATIONS

Output: 6500 max BTU's

Category: Pressure regulated propane

Fuel: 16.4oz 16.4 oz (465 g) or 1.02 lb disposable propane cylinder with #600 connection.

Regulator: Model # JY50-001, 11" W.C., 2.8 kPa

Hose and Connections: 24" (61cm.) length, 5/16" diameter gas hose with 3/8" female flare connection on one end and 1/4" male IP connection on the other.

Run Time: Cylinder should last 3 - 4 hours on high setting (depending on conditions such as amount of gas in the cylinder and temperature of tank and surrounding areas).

Minimum Clearance from Combustible Materials:

Top 36 in. (92 cm)

Sides 24 in. (61 cm)

GENERAL INFORMATION AND MAINTENANCE

- When operating the unit at altitudes over 7000 feet (2134 meters) above sea level the unit may not burn as bright as lower altitudes. This is normal. At higher altitudes, the heater may shut off. If this happens, make sure there is fresh air, wait 5 minutes and re-light. Due to local atmospheric conditions heater may not re-light.
- Operating time will vary based upon the conditions including temperature, heater settings and cylinder size. 16.4 oz./465 g. (1.02 lb.) cylinder should last 3 - 4 hours on high setting. (depending on conditions such as amount of gas in the cylinder and temperature of tank and surrounding areas).
- When using the unit as a stove, be sure the cooking utensil being used is stable on the cook top surface and will not to fall or tip over and injure surrounding individuals.
- Keep area clear and free from combustible materials and other flammable vapors and liquids.
- Do not obstruct the flow of combustion and ventilation of air.
- When operating properly, the flame should be blue coming out of the burner orifices and flame tip should be about 1/4" (6.4 mm) with some yellow flames rising out of the flame tips. Yellow flames mixed in is OK as long as no carbon or soot appears. It is normal that the mesh will glow shades of orange during operation and the cook-top burner vents may get red.
- Clean unit when it appears dirty or when performance seems to diminish.
- To clean, make sure heater/stove is cool. Disconnect propane tank from regulator. Remove gas hose from heater/stove using two wrenches as described in "Lighting and Operating Instructions". Wipe unit clean with a soft cloth and dish detergent. Do not use abrasive cleaners on the unit. Allow unit to dry completely before use.

LIGHTING AND OPERATING INSTRUCTIONS

- This heater must be used outdoors for temporary heating and cooking using propane regulated to 11" W.C. or 2.8 kPa pressure.
- Inspect the hose before each use. If there is excessive abrasion, wear or the hose is cut, replace the hose prior to use.
- Heater must be in upright position located away from combustible materials during operation.

To Turn Heater/Stove On:

1. Confirm the control knob is in the off position before connecting hose with regulator and propane cylinder. (**Fig. 1**)
2. Using two wrenches, connect regulator hose to heater/stove. Use one wrench to secure the fitting on the heater/stove from twisting, the other to tighten the nut on to the heater/burner. (**Fig. 2**)
3. Connect approved propane cylinder to the hose regulator, thread cylinder until it seats firmly in to the regulator. Never connect the propane cylinder to the regulator without the hose connected to the heater/stove. Check for leaks each time you connect the hose to the unit using soapy water (50% dish detergent and 50% water mix), never use a flame.
4. Put unit in cook top mode (**Fig. 3**) with vents in open (cooking) position.

First Time Use Note: if you are hooking up the unit for the first time or if it has not been used for a while, press control knob and rotate it to IGNITE/ON position (**Fig. 1**) you will hear the igniter click. Continue pressing in control knob for about 2~3 minutes before igniting the heater to allow the propane to work its way from the canister to the burner.

While looking down through cook top vents (**Fig. 4**), press and hold (do not release) control knob as you turn it to the IGNITE/ON position, the unit will click once as it tries to ignite the pilot flame. You will see the igniter sparking as you look down through the vents as shown in **Fig. 4**. With control knob still pushed in look for a pilot flame light through the vents after you hear the click sound where the igniter sparks were located.

If a pilot flame is seen, continue to hold the control knob in to allow the flame sensor to recognize the pilot for 10~20 seconds. Repeat the above process until a pilot flame is seen.

5. Pick the function of the heater/stove. To use the unit as a heater, be sure that the cook-top burner vents are closed. To use the unit as a stove, open the cook-top burner vents. Use care when changing the vent position, the lever may be hot. (**Fig. 3**)
6. With pilot lit, press and turn control knob counter-clockwise from IGNITE/ON position to desired heater output. The knob will first click and lock in to the LOW heat level position. Press the knob and turn it counter-clockwise again until it clicks and locks in to the HIGH heat level position. (**Fig. 1**)

To Turn Heater/Stove Off:

1. To turn the heater/stove OFF, simply press control knob in and rotate it to the OFF position. This will extinguish the burners and pilot light. If you intend to turn the heater/stove back on in a short amount of time, you can leave the pilot on and simply rotate the control knob to the IGNITE/ON position.
2. Allow heater to cool down.
3. With the heater/stove in the OFF position, remove propane cylinder from hose/regulator. Only remove the propane cylinder with the unit in the OFF position. Never remove the propane cylinder with the control knob in any other position.

Fig. 1

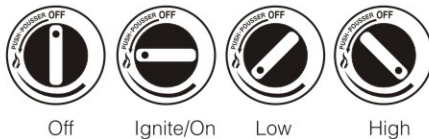


Fig. 2

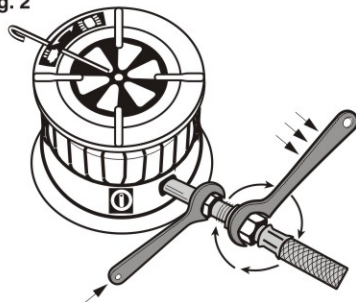


Fig. 3

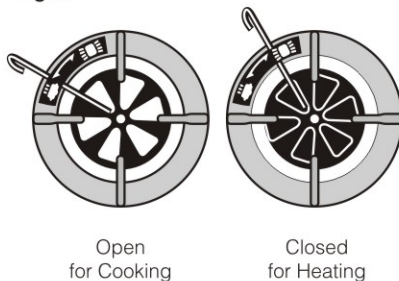
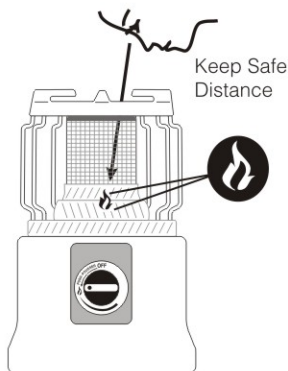


Fig. 4



TIP-OVER SWITCH

- The unit should be placed in an area that will not allow the heater/stove to be tipped over. In case of accidental tip-over this unit is equipped with a tip-over switch that will shut the unit off immediately.
- If the unit has tipped over, be observant of the area, confirm that there has not been any ignition of debris or objects in the area, even small ignitions can flame up under certain circumstances. If anything has ignited, move the heater and propane canister away from the area and extinguish the flame. Be careful, the heater surface may be hot.
- Inspect the Heater/Stove for any damage. If any damage **is present discontinue use and contact IGNIK** for service.
- To resume the heater use, simply place the heater upright and turn the control knob to OFF. Restart the unit using the instructions provided.

